



VE-684

Ethernet over VDSL2 Converter



The VE-684 supports the signal conversion between traditional Ethernet and innovative VDSL technology. The device is a right solution to integrate current Ethernet application with the new building phone line networking technology, like hotel, office and apartment environment.

The EoVDSL2 port supports symmetry and asymmetry data transmission bandwidth up to 50Mbps and transmission distance up to 300m. It is ideal for providing video-on-demand and multi-media service to apartment, hotel and campus without rewiring cable consideration. Moreover, the distance expansion also provides wide range coverage. The converter is plug-n-play without any software to configure and also fully compliant with all kinds of network protocols. Moreover, the rich diagnostic LEDs on the front-panel provide the operating status of the system.

Features:

- ◆ Complies with IEEE802.3 10BASE-T standard.
- ◆ Complies with IEEE802.3u 100BASE-TX standard.
- ◆ Compliance with VDSL2 ITU-T G.993.2
- ◆ Supports 1 * RJ-11 port for Ethernet over VDSL2.
- ◆ Provides 1 * RJ-11 port for telephone connection.
- ◆ Provides 2 * RJ-45 ports for 10/100Mbps Ethernet.
- ◆ Voice and Data work on the same telephone line
- ◆ EoVDSL2 port supports maximum throughput 50Mbps /100Mbps (up-/ downstream) over 300m
- ◆ Long Reach maximum throughput is around 17Mbps downstream over 1500m
- ◆ Mini size design (120 x 75 x 25mm)
- ◆ Provides one piano switch for mode selection (Master/Slave)(CO/CPE)
- ◆ Provides rich diagnostic LED indicators
- ◆ Certification: CE, FCC, VCCI Class A

Specification:

Standard	IEEE802.3 standard; IEEE802.3u standard Ethernet over VDSL2; VDSL2 ITU-T G.993.2
Interface	2 * RJ-45 10/100Mbps Ethernet ports 1 * RJ-11 connector for EoVDSL2 1 * RJ-11 connector for telephone connection 1 * DIP switch for mode selection
Cable Connections	RJ-45 (Ethernet): Category 3, 4, 5 UTP/STP RJ-11 (EoVDSL2): Twisted-Pair phone wire
Rich LED indicators	Power*1, VDSL*1, LAN*2, Master mode*1, Slave mode*1
Dimensions	120 x 75 x 25mm
Temperature	Operating -- 0 ⁰ - 40 ⁰ C (32 ⁰ - 104 ⁰ F) Storage -- -10 ⁰ - 70 ⁰ C (14 ⁰ - 158 ⁰ F)
Humidity	Operating -- 10% ~ 90% (non-condensing) Storage -- 5%~95% (non-condensing)
Power Supply	External Power Adapter 5V1A